

WEST Search History

DATE: Wednesday, May 10, 2006

| Hide? | <u>Set</u> <u>Name</u> | <u>Query</u> | <u>Hit</u> <u>Count</u> |
|--------------------------|---------------------------|--|----------------------------|
| | | <i>DB=PGPB; PLUR=YES; OP=ADJ</i> | |
| <input type="checkbox"/> | L7 | 16 and (group 8 metal or group 10 metal or transition metal or palladium or platinum or rhodium or ruthenium.CLM.) | 18 |
| <input type="checkbox"/> | L6 | 13 and (water insoluble or water immiscible.CLM.) | 25 |
| <input type="checkbox"/> | L5 | 13 and 14 | 1 |
| <input type="checkbox"/> | L4 | heterogeneous system or heterogeneous solution or heterogeneous reaction or heterogeneous reaction system.CLM. | 1671 |
| <input type="checkbox"/> | L3 | 12 and (hydrogen peroxide.CLM.) | 84 |
| <input type="checkbox"/> | L2 | 11 and (carbonyl compound or aldehyde or ketone or carboxylic acid.CLM.) | 2329 |
| <input type="checkbox"/> | L1 | water insoluble aliphatic alcohol or water insoluble alcohol or primary alcohol or secondary alcohol.CLM. | 3536 |

END OF SEARCH HISTORY

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|--------------------------|---------------------|---|----------------------|
| | | <i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ</i> | |
| <input type="checkbox"/> | L9 | 18 and (platinum or palladium or rhodium or ruthenium) | 35 |
| <input type="checkbox"/> | L8 | 17 and (group 8 metal or group VIII or transition metal or transition element) | 52 |
| <input type="checkbox"/> | L7 | 15 and 16 | 157 |
| <input type="checkbox"/> | L6 | heterogeneous solution or heterogeneous reaction or heterogeneous system or phase transfer | 26275 |
| <input type="checkbox"/> | L5 | 14 and hydrogen peroxide | 1715 |
| <input type="checkbox"/> | L4 | 13 and (oxidant or oxidizer or oxidising agent or oxidizing agent or oxidation agent or oxidizing reagent) | 4270 |
| <input type="checkbox"/> | L3 | 12 and (aldehyde or ketone or carboxylic acid or carbonyl compound) | 11308 |
| <input type="checkbox"/> | L2 | 11 and (oxidat\$ or oxidis\$ or oxidiz\$ or dehydrogenat\$) | 13880 |
| <input type="checkbox"/> | L1 | water insoluble aliphatic alcohol or water insoluble alcohol or primary alcohol or secondary alcohol | 30306 |

END OF SEARCH HISTORY

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(FILE 'HOME' ENTERED AT 13:28:11 ON 10 MAY 2006)

FILE 'HCAPLUS, HCAOLD, USPATFULL, EPFULL' ENTERED AT 13:28:30 ON 10 MAY 2006

| | | | |
|-----|--------|---|---|
| L1 | 26934 | S | PRIMARY ALCOHOL? OR SECONDARY ALCOHOL? |
| L2 | 13435 | S | L1 AND (OXIDAT? OR OXIDIS? OR OXIDIZ? OR DEHYDROGENAT?) |
| L3 | 9678 | S | L2 AND (ALDEHYDE OR KETONE OR CARBOXYLIC ACID OR CARBONYL CO |
| L4 | 224934 | S | HETEROGENEOUS OR HETEROGENEOUS SOLUTION OR HETEROGENOUS REACT |
| L5 | 1340 | S | L3 AND L4 |
| L6 | 457 | S | L5 AND (HYDROGEN PEROXIDE OR H2O2) |
| L7 | 376 | S | L6 AND (TRANSITION METAL OR TRANSITION METAL CATALYST OR MET |
| L8 | 131 | S | L7 AND (?PENTANOL OR ?HEXANOL OR ?HEPTANOL OR ?OCTANOL OR ?D |
| L9 | 113 | S | L8 AND (SUPPORT? OR CARRIER) |
| L10 | 0 | S | L9 AND OILY SOLUTION |
| L11 | 35 | S | L9 AND OILY |